

Urban District of Kenilworth.

ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1939,

BY

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MEDICAL OFFICER OF HEALTH

OF THE

Warwickshire Combined Districts.

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1940.

I, MILVERTON HILL,
LEAMINGTON SPA,
December, 1940.

To the Kenilworth Urban District Council.

MR. CHAIRMAN AND GENTLEMEN,

Herewith the Report for 1939, very late owing to delayed arrival of the necessary statistics and pressure of other work.

As instructed by the Ministry of Health, the Report is a short statement of fact with no comment. All the available information is, however, being kept for record and, if required, can be produced.

With many thanks for much kindness on the part of the Council and my colleagues,

I am, Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,
Medical Officer of Health.

Kenilworth Urban District.

A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1939 { For Birth Rate 8,880
 „ „ Death „ 9,020

| | Total. | M. | F. | | |
|---|--------|-----|-----|-------------------|------|
| Live Births { Legitimate | 126 | 63 | 63 | } Birth Rate 14.7 | |
| Illegitimate | 5 | 2 | 3 | | |
| Still Births—Rate per 1,000 total births | ... | ... | ... | ... | 37 |
| Deaths | 90 | 48 | 42 | Death Rate | 10.0 |
| Adjusting Factor for Death Rate | ... | ... | ... | ... | 1.02 |
| Adjusted Death Rate | ... | ... | ... | ... | 10.2 |
| Deaths from Diseases and { From Sepsis | ... | ... | ... | ... | — |
| Accidents of Pregnancy and { „ other causes | ... | ... | ... | ... | — |
| Child-birth | ... | ... | ... | ... | — |
| Death Rate of Infants under 1 year of age :— | | | | | |
| All Infants per 1,000 live births | ... | ... | ... | ... | 30 |
| Legitimate Infants per 1,000 legitimate live births | ... | ... | ... | ... | 24 |
| Illegitimate Infants per 1,000 illegitimate live births | ... | ... | ... | ... | 200 |
| Deaths from Measles (all ages) | ... | ... | ... | ... | — |
| „ „ Whooping Cough (all ages) | ... | ... | ... | ... | — |
| „ „ Diarrhoea (under 2 years of age) | ... | ... | ... | ... | — |

B. GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT.

1. *Public Health Officers.*—Remained the same as in 1938.

3. *Laboratory Facilities.*—Bacteriological examinations by Birmingham University :—

| | Positive. | Negative. | Total. |
|------------------|-----------|-----------|--------|
| Diphtheria ... | 7 | 29 | 36 |
| Enteric Fever... | — | 6 | 6 |
| Tuberculosis ... | 1 | 12 | 13 |
| | | | — |
| | | | 55 |
| | | | — |

C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1. (1) *Water Supply*.—The town is supplied with water entirely by electrically operated plant, which has worked satisfactorily.

Small extensions of water mains have been made, these being 200 yards of 3in. in Barrow Road, 490 yards of 3in. in St. Nicholas Avenue, and 220 yards of 6in. in St. Nicholas Avenue.

The number of new services laid was 32, and 15 services have been renewed.

The usual emptying and cleansing of reservoirs has been carried out during the year.

During the year 83,320,000 gallons of water were pumped, giving an average of 228,270 gallons per day.

Seven Bacteriological analyses were made, which show that the water still maintains its high standard of purity.

(ii) *Drainage and Sewerage*.—Only minor extensions to the Sewerage System were made, where development has required it.

2. (i) *Rivers and Streams*.—One complaint was received of alleged pollution to the Finham Brook, and upon investigation was found to have been caused by some source outside the Council's control.

General conditions of the effluent from the Disposal-Works is satisfactory.

3. (i) *Public Cleansing*.—The scheme in force in the District provides for weekly emptying of ash-bins and has proved satisfactory. All new property is provided with movable covered metal dust-bins.

D. HOUSING.

The usual Table has been completed and is being kept for reference.

E. INSPECTION AND SUPERVISION OF FOOD.

(a) *Milk Supply*.—The number of persons registered under the Dairies, Cowsheds and Milkshops Orders is 51. All the premises have been visited at intervals, and 3 informal notices requiring limewashing, etc., have been served and complied with.

One person is licensed for the sale of Pasteurised Milk, and one for the sale of Tuberculin Tested Milk.

(b) *Meat*.—Notice of regular hours of slaughtering have been given in all cases by the butchers, and frequent visits are made by the inspector during slaughtering hours.

(c) *Other Trades*.—Bakehouses have been frequently inspected, and 2 notices requiring limewashing, etc., have been served and complied with.

F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

Incidence of Commoner Infectious Diseases since 1931.

| | | Diphtheria. | Scarlet Fever. | Enteric Fever. | Pneumonia. | Encephalitis Lethargica. | Puerperal Pyrexia. |
|------|-----|-------------|-------------------|-------------------|------------|-----------------------------|-----------------------|
| 1932 | ... | 2 | 7 | — | 11 | 1 | — |
| 1933 | ... | 4 | 24 | — | 15 | — | — |
| 1934 | ... | 7 | 14 | — | 7 | — | — |
| 1935 | ... | 5 | 22 | — | 6 | — | — |
| 1936 | ... | 8 | 13 | — | 8 | — | — |
| 1937 | ... | 10 | 16 | — | 17 | — | — |
| 1938 | ... | 5 | 31 | — | 7 | — | — |
| 1939 | ... | 8 | 61 | — | 7 | — | 2 |

Reference to Table III. will give the age distribution of the cases notified.

Scarlet Fever.—The number of cases of this disease was 61, as compared with 31 in 1938. 60 cases were removed to Isolation Hospital. There were no deaths.

With respect to these cases there was nothing of special interest to report; the cases were mostly in connection with one school which was visited on several occasions. Most of the cases were of a mild character.

Enteric Fever.—No cases were notified.

School Closures.—Nil.

PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

| | | | NEW CASES. | | | | | | DEATHS. | | | | | |
|----------------|-----|-----|------------|----|-----|----------------|----|-----|------------|----|-----|----------------|----|-----|
| | | | Pulmonary. | | | Non-Pulmonary. | | | Pulmonary. | | | Non-Pulmonary. | | |
| AGE—PERIODS | | | M. | F. | ... | M. | F. | ... | M. | F. | ... | M. | F. | ... |
| 0 | ... | ... | ... | — | — | ... | — | — | ... | — | — | ... | — | — |
| 1 | ... | ... | ... | — | — | ... | — | 1 | ... | — | — | ... | — | — |
| 5 | ... | ... | ... | — | — | ... | 1 | 1 | ... | — | — | ... | — | — |
| 15 | ... | ... | ... | 1 | 2 | ... | — | — | ... | — | — | ... | — | — |
| 25 | ... | ... | ... | 1 | 1 | ... | — | — | ... | 1 | 1 | ... | — | — |
| 35 | ... | ... | ... | 1 | — | ... | — | — | ... | 1 | — | ... | — | — |
| 45 | ... | ... | ... | — | — | ... | — | — | ... | 1 | — | ... | — | — |
| 55 | ... | ... | ... | — | — | ... | 1 | — | ... | — | — | ... | — | — |
| 65 and upwards | | | ... | — | — | ... | — | — | ... | — | — | ... | — | — |
| TOTALS | | | ... | 3 | 3 | ... | 2 | 2 | ... | 3 | 1 | ... | — | — |
| | | | | — | — | | — | — | | — | — | | — | — |

10 new cases of tuberculosis were notified during the year, 6 being of pulmonary tuberculosis and 4 of other forms.

4 deaths were due to pulmonary and none due to non-pulmonary tuberculosis.

Treatment.—8 cases were admitted to the Sanatorium for treatment during the year, 6 discharged.

REPORT OF SANITARY INSPECTOR.

A copy of this Report has been received and is being kept for reference.

TABLE I.

URBAN DISTRICT OF KENILWORTH.

SUMMARY OF SANITARY WORK DONE IN THE SANITARY INSPECTOR'S
DEPARTMENT DURING THE YEAR 1939.

| | | | | Notices served. | | Nuisances Abated after Notices. |
|-------------------------------|-----|-----|-----|---|----------------|--|
| | | | | Statu- tory. | In- formal. | |
| | | | | Inspections and Observations made. | | |
| Dwelling Houses and Schools | ... | ... | 139 | — | 34 | 30 |
| Lodging Houses | ... | ... | — | — | — | — |
| Dairies and Milkshops | ... | ... | 54 | — | — | — |
| Cow Sheds | ... | ... | 36 | — | — | — |
| Bakehouses | ... | ... | 8 | — | — | — |
| Slaughter Houses | ... | ... | 97 | — | — | — |
| Canal Boats | ... | ... | — | — | — | — |
| Ashpits and Privies | ... | ... | 2 | — | — | — |
| Deposits of Refuse and Manure | ... | ... | 14 | — | 1 | 1 |
| Water-closets | ... | ... | 23 | — | 22 | 22 |
| House Drainage | ... | ... | 81 | — | 14 | 14 |
| Other Nuisances | ... | ... | 14 | — | 13 | 10 |
| TOTALS | ... | ... | 468 | — | 84 | 77 |

| | | | | No. |
|---|-----|-----|-----|-----|
| Seizures and Surrenders of Unwholesome Food | ... | ... | ... | — |
| Samples of Food taken for Analysis (Milk) | ... | ... | ... | — |
| Ditto of Food found adulterated | ... | ... | ... | — |
| Ditto of Water taken for Analysis | ... | ... | ... | 6 |
| Ditto of Water condemned as unfit for use | ... | ... | ... | — |

PRECAUTIONS AGAINST INFECTIOUS DISEASE.

| | | | |
|--|-----|-----|----|
| Lots of Infected Bedding Disinfected or Destroyed | ... | ... | 2 |
| Houses Disinfected after Infectious Disease | ... | ... | 70 |
| Schools ditto ditto ditto | ... | ... | — |
| Prosecutions for Exposure of Infected Persons or Things | ... | ... | — |
| Convictions ditto ditto ditto | ... | ... | — |
| Prosecutions for not Notifying Existence of Infectious Disease | ... | ... | — |
| Convictions ditto ditto ditto ditto | ... | ... | — |

G. A. J. EDMUNDSON,
Surveyor, Water Engineer and Sanitary Inspector.

TABLE II.
KENILWORTH URBAN DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1939 AND PREVIOUS YEARS.

| YEAR. | Population estimated to Middle of each Year. | BIRTHS. | | NETT DEATHS BELONGING TO THE DISTRICT. | | | |
|-------|--|---------|-------|--|-----------------------------|--------------|-------|
| | | Nett. | | Under 1 Year of age. | | At all Ages. | |
| | | Number. | Rate. | Number. | Rate per 1,000 Nett Births. | Number. | Rate. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1933 | 7,830 | 101 | 12.9 | 7 | 69 | 96 | 12.1 |
| 1934 | 8,100 | 114 | 14.0 | 6 | 53 | 85 | 10.5 |
| 1935 | 8,250 | 98 | 11.9 | 4 | 41 | 92 | 11.1 |
| 1936 | 8,460 | 134 | 15.8 | 4 | 30 | 84 | 9.9 |
| 1937 | 8,640 | 123 | 14.2 | 5 | 41 | 96 | 11.1 |
| 1938 | 8,750 | 127 | 14.5 | 7 | 55 | 101 | 11.6 |
| 1939 | 9,020 | 131 | 14.7 | 4 | 30 | 90 | 10.0 |

TABLE III.—KENILWORTH URBAN DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE
YEAR 1939.

| NOTIFIABLE DISEASE. | Number of Cases notified. | | | | | | | | Total cases removed to Hospital | Total Deaths. |
|--|---------------------------|----------------|---------|----------|-----------|-----------|-----------|--------------------|------------------------------------|---------------|
| | At all Ages. | At Ages—Years. | | | | | | | | |
| | | Under 1. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | 65 and upwards. | | |
| Small-pox | | | | | | | | | | |
| Plague | | | | | | | | | | |
| Diphtheria (including Mem- branous Croup) | 8 | | 3 | 3 | 2 | | | | 7 | |
| Erysipelas | | | | | | | | | | |
| Searlet Fever | 61 | | 21 | 30 | 3 | 7 | | | 60 | |
| Typhus Fever | | | | | | | | | | |
| Enterie Fever | | | | | | | | | | |
| Pneumonia | 7 | | | | | 3 | 3 | 1 | | 2 |
| Malaria | | | | | | | | | | |
| Dysentery | | | | | | | | | | |
| Puerperal Pyrexia | 2 | | | | 1 | 1 | | | | |
| Cerebro-spinal Meningitis | | | | | | | | | | |
| Poliomyelitis | | | | | | | | | | |
| Encephalitis Lethargica | | | | | | | | | | 1 |
| Ophthalmia Neonatorum ... | 1 | 1 | | | | | | | | |
| Polio-Encephalitis | | | | | | | | | | |
| Pulmonary Tuberculosis ... | 6 | | | | 3 | 3 | | | | 4 |
| Other forms of Tuberculosis | 4 | | 1 | 2 | | | 1 | | | |
| Totals | 89 | 1 | 25 | 35 | 9 | 14 | 4 | 1 | 67 | 7 |

TABLE IV.
KENILWORTH URBAN DISTRICT.

CAUSES OF DEATH DURING THE YEAR 1939.

| CAUSES OF DEATH. | MALES. | FEMALES. |
|---|--------|----------|
| All Causes | 48 | 42 |
| 1 Typhoid and Paratyphoid Fevers ... | | |
| 2 Measles | | |
| 3 Scarlet Fever | | |
| 4 Whooping Cough | | |
| 5 Diphtheria | | |
| 6 Influenza | 2 | |
| 7 Encephalitis Lethargica | 1 | |
| 8 Cerebro-Spinal Fever | | |
| 9 Tuberculosis of Respiratory System ... | 3 | 1 |
| 10 Other Tuberculous Diseases ... | | |
| 11 Syphilis | | |
| 12 General Paralysis of the Insane, Tabes Dorsalis | 1 | |
| 13 Cancer, Malignant Disease | 7 | 8 |
| 14 Diabetes | 1 | |
| 15 Cerebral Haemorrhage, etc. | 3 | 5 |
| 16 Heart Disease | 9 | 15 |
| 17 Aneurysm | | |
| 18 Other Circulatory Diseases | 1 | 1 |
| 19 Bronchitis | 2 | 2 |
| 20 Pneumonia (all forms) | 1 | 1 |
| 21 Other Respiratory Diseases ... | | |
| 22 Peptic Ulcer | | |
| 23 Diarrhoea, etc. (under 2 years) ... | | |
| 24 Appendicitis | | |
| 25 Cirrhosis of Liver | | |
| 26 Other Diseases of Liver, etc. ... | | |
| 27 Other Digestive Diseases ... | | |
| 28 Acute and Chronic Nephritis | 2 | |
| 29 Puerperal Sepsis | | |
| 30 Other Puerperal Causes | | |
| 31 Congenital Debility, Premature Birth, Malformation, etc. | 1 | 2 |
| 32 Senility | | |
| 33 Suicide | | |
| 34 Other Violence | 6 | 2 |
| 35 Other Defined Diseases | 8 | 5 |
| 36 Causes, ill-defined or unknown ... | | |